Appl. No. 09/838,552
Amdt. dated November 29, 2004
Reply to Office Action of July 29, 2004

PATENT

Amendments to the Abstract:

Please replace paragraph 1 on page 28 with the following amended paragraph:

Precise exceptions handling in the optimized binary translated code is achieved by transitioning execution to the non-optimized step-by-step foreign code execution means in accordance with one of the several coherent foreign states designated during the optimized translation of the foreign code. A method to improve the operation by avoiding complete foreign state updates in the optimized code, an apparatus to track the switching between the states and a method to recompute the complete foreign state in accordance to the current state identification, execution context and additional documentation provided during the translation time are proposed. ~~The method and apparatus of the present invention further preserves the data nad conditions that gave rise to the exception. The present invention minimizes the time to recover from an exception by minimizing the side effects that must be handled to recover from exceptions but extracts performance improvements associated with executing operations in parallel while achieving precise exception maintenance.~~